Web of Learning - Math Tutorial Contest - Entry Form

You may reproduce this form as needed.

Please complete the entry form. All areas must be filled in completely to qualify for the contest.

All application materials must be in one package.

School Information:			
School Name: _			
School Address:_	Street A		
	Street A	Address	
C	City	State	Zip Code
School Phone: _		School Fax:	
Team Members (Mu	st be 1 teacher and 2 - 5 s	students):	
Teacher:			
1.			
Student(s):			
1.			
2.			
3.			
4.			
5.			
Format (check appro	opriate box):		
Web Ready (n	must include hard copy, disk	x with material, lin	nit of 1.2 Mb in size)
Non-web read	ly (must include hard copy)		

Topics	s (check one per team per entry):					
	1. Expanding $(\mathbf{a} + \mathbf{b})^{\mathbf{n}}$ by the distributive law: INT p 2 and PDF bottom P 1 through middle of p 2.					
	2 a) Show how results of #1 leads to Pascal Triangle: INT bottom p 2 through p 3 and PDF middle p 2 through top p3.					
	2 b) Show how the results of #1 leads to the FOIL method. This is not in this text, but it is in many high school algebra texts. It is frequently taught as a rule to be memorized rather than as an immediate and logical consequence of the distributive law.					
	3. The vocabulary of binomial expansion and notation for n choose k and the relationship of these to the Pascal Triangle: INT bottom of page 3 and p 4 and PDF bottom 2/3 of p 3 through top 1/3 of p4.					
	_	ntity to solve problems such as Exon) and problems 11-13 on page 6 (1 10			
Teache	r Endorsement					
1999, a	stand that the Los Alamos National Laboral and that our team submission will be placed ling tutorial. All submitted material becom	on the Web of Learning Web site should	we be chosen as having an			
Teacher	:: (Signature)	(Printed Name)	(<u>Date</u>)			
	(Signature)	(Fillied Ivalle)	(Date)			
Admini	stration Endorsement					
1999, a	stand that the Los Alamos National Labora and I agree to having our school's team subman outstanding tutorial. All submitted mate	mission placed on the Web of Learning We	eb site should we be chosen as			
Admini	strator:					
	(Signature)	(Printed Name)	(Date)			
	Please return co.	mpleted entry forms and all material to:				

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